

**OPINION 2132 (Case 3270)****ISOMETRINAE Clark, 1917 (Echinodermata, Crinoidea): spelling emended to ISOMETRAINAE to remove homonymy with ISOMETRINAE Kraepelin, 1891 (Arachnida, Scorpiones)**

**Abstract.** The Commission has ruled that the homonymy between the crinoid subfamily name ISOMETRINAE Clark, 1917 (type genus *Isometra* Clark, 1908; family ANTEDONIDAE) and the scorpion subfamily name ISOMETRINAE Kraepelin, 1891 (type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828; family BUTHIDAE) is removed. The entire generic name *Isometra* has been adopted as the stem and the correct spelling of the crinoid subfamily is ISOMETRAINAE Clark, 1917.

**Keywords.** Nomenclature; taxonomy; Crinoidea; Scorpiones; ANTEDONIDAE; BUTHIDAE; ISOMETRAINAE; ISOMETRINAE; *Isometra*; *Isometrus*; crinoids; scorpions.

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**Ruling**

- (1) Under the plenary power it is hereby ruled that for the purposes of Article 29 of the Code the stem of the generic name *Isometra* Clark, 1908 is ISOMETRA-.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
  - (a) *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828 (gender: masculine), type species by monotypy *Buthus (Isometrus) filum* Ehrenberg in Hemprich & Ehrenberg, 1828 (Scorpiones);
  - (b) *Isometra* Clark, 1908 (gender: feminine), type species by original designation *Antedon challengerii* Clark, 1907 (Crinoidea).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *maculatus* DeGeer, 1778, as published in the binomen *Scorpio maculatus* (senior synonym of *Buthus (Isometrus) filum* Ehrenberg in Hemprich & Ehrenberg, 1828, the specific name of the type species of *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828) (Scorpiones);
  - (b) *challengerii* Clark, 1907, as published in the binomen *Antedon challengerii* (specific name of the type species of *Isometra* Clark, 1908) (Crinoidea).
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
  - (a) ISOMETRINAE Kraepelin, 1891, type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828 (Scorpiones);
  - (b) ISOMETRAINAE Clark, 1917, type genus *Isometra* Clark, 1908 (spelling emended by the ruling in (1) above) (Crinoidea).
- (5) The name ISOMETRINAE Clark, 1917 (an incorrect original spelling of ISOMETRAINAE, as ruled in (1) above) is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (Crinoidea).

### History of Case 3270

An application to remove the homonymy between the crinoid subfamily name ISOMETRINAE Clark, 1917 (type genus *Isometra* Clark, 1908; family ANTEDONIDAE) and the scorpion subfamily name ISOMETRINAE Kraepelin, 1891 (type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828; family BUTHIDAE) by adopting the entire generic name of *Isometra* as the stem, so that the correct spelling of the crinoid subfamily will become ISOMETRAINAE Clark, 1917 was received from Victor Fet (*Marshall University, Huntington, West Virginia 25755, U.S.A.*) and Charles Messing (*Oceanographic Center, Nova Southeastern University, Dania Beach, Florida 33004, U.S.A.*) on 6 February 2003. After correspondence the case was published in BZN **60**: 293–296 (December 2003). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

### Decision of the Commission

On 1 March 2005 the members of the Commission were invited to vote on the proposals published in BZN **60**: 294–295. At the close of the voting period on 1 June 2005 the votes were as follows:

Affirmative votes — 18: Alonso-Zarazaga, Bock, Bouchet, Brothers, Calder, Fortey, Halliday, Lamas, Macpherson, Mahnert, Mawatari, Minelli, Nielsen, Papp, Patterson, Rosenberg, Štys and van Tol.

Negative votes — none.

No votes were received from Böhme, Kerzhner, Ng and Song.

### Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

*challengeri*, *Antedon*, Clark, 1907, *Smithsonian Miscellaneous Collections*, **50**(3): 353.

*Isometra* Clark, 1908, *Proceedings of the Biological Society of Washington*, **21**: 133.

ISOMETRAINAE Clark, 1917, *Journal of the Washington Academy of Sciences*, **7**(5): 6.

ISOMETRINAE Clark, 1917, *Journal of the Washington Academy of Sciences*, **7**(5): 6.

ISOMETRINAE Kraepelin, 1891, *Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten*, **8**: 6.

*Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828, *Zoologica* II. Arachnoidea. Pl. 1: *Buthus*; pl. II: *Androctonus* in: *Symbolae physicae seu icones et descriptiones animalium vertebratorum sepositis insectis quae ex itinere per Africam borealem et Asiam occidentalem*, pl. 1, fig. 3.

*maculatus*, *Scorpio*, DeGeer, 1778, *Mémoires pour servir à l'histoire des insectes*, Tom. 7, p. 346.